

*Surviving*



DRIVING

*Holidays '07*



# PERSPECTIVE

"IN 1968, WE LOST 99 AMERICAN  
SAILORS IN USS SCORPION,  
WHICH WE THINK OF AS  
A NATIONAL DISASTER;  
WHILE WE LOST  
103 SAILORS AND MARINES  
IN PMV ACCIDENTS IN 1998,  
AND CALL IT OUR 'BEST YEAR'!"

ROBERT B. PIRIE

ACTING SECRETARY OF THE NAVY

20 JANUARY - 24 MAY 2001

There are no memorials  
to honor service members  
who died in car accidents.

MCDONALD, JAMES A. - WALTER A. WILSON  
TUCKER, ROGER A. - WANCE, SCOTT  
DAVID E. WEIDNER - DARRELL C. WEST  
ALSON JR. - JOSEPH W. WOODARD JR.  
BOBBY JOE YEWELL - REX D. ALLRED  
WAYNE FANN - EVANS BENBOW JR.  
ES L. BLANTON JR. - MICHAEL D. BLEA  
JERRY - LEE - JOHN H. R. BROOKS  
M. CONNELL - DONALD J. CORBETT  
MICHAEL J. DOMINKOWITZ  
JOHN V. FOLGER



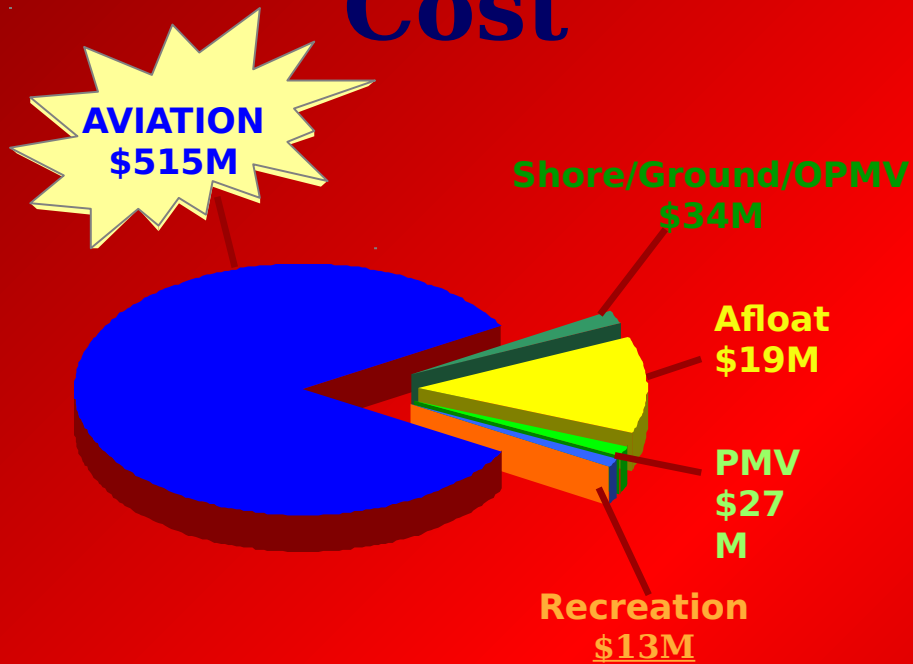




# *FY06 Total Cost and Deaths*

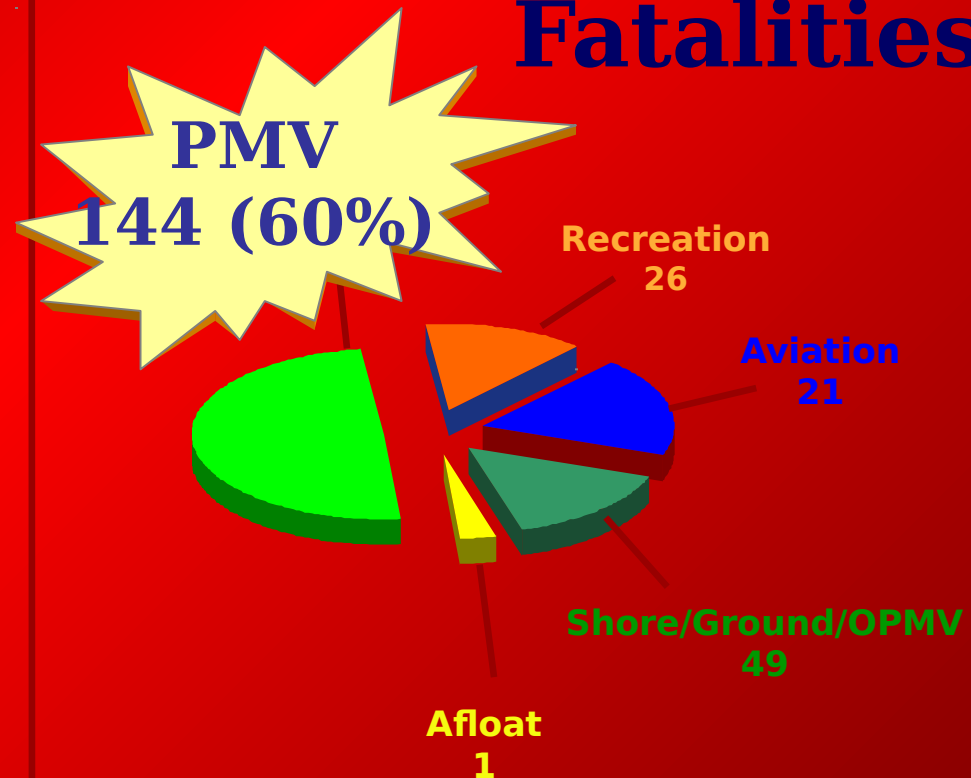
## **Navy and Marine Corps**

### **Cost**



**Total Cost: \$607M**

### **Fatalities**

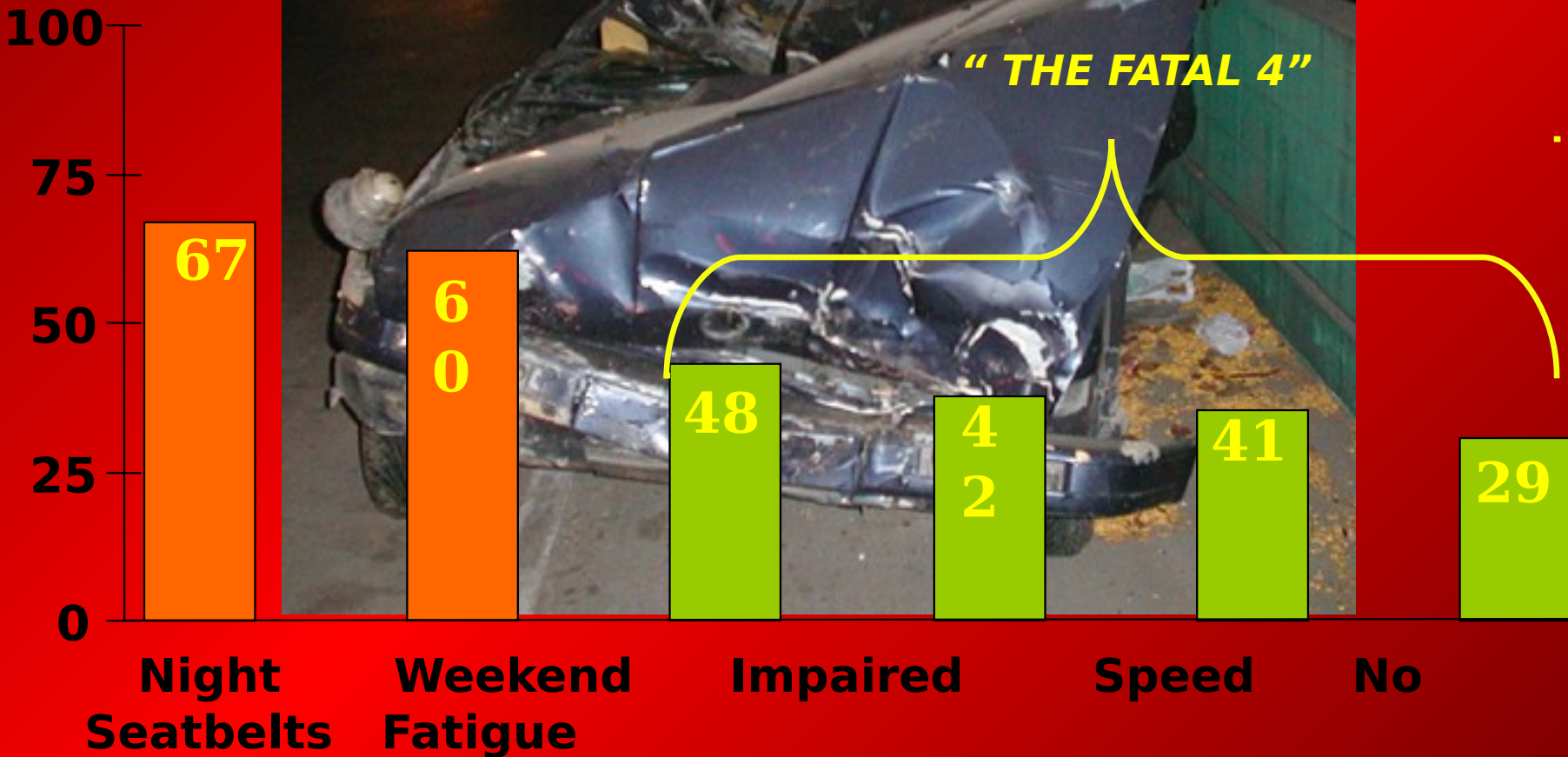


**Total Fatalities: 241**

# Fatal Factors in Traffic Deaths

(2002-2005)

(Percentage  
s)



# "THE FATAL FOUR"



Drinking and Driving

SPEED  
LIMIT  
**55**

Driving Too Fast  
for Conditions



Driving/Riding  
Without Seatbelts



Falling Asleep at  
the Wheel



PLAN REST!



#4







# *Myths about Fatigue:*



- Rolling Down the Window
- Make the Radio Louder
- Taking Off Your Shoes
- Eating a Snack
- Talk Out Loud

Unfortunately  
They don't work !

• Splashing Cold Water  
on Your Face

# *Prevent Fatigue ....*



Plan Rest  
Stop



Vigorous  
Exercise



AVOID Sugar



Caffeine  
Minimal Effect

# *Cell Phones, Radios, GPS*

• Distractions inside the car cause you to lose situational awareness

• Keep as many distracters out of the car as you can  
• You have eyes at the wheel !

• Use passengers to help in the car

• Use hands-free cell if you have to use it  
Keep your attention on the road.





# TRiPS

Travel Risk Planning System is now on  
[www.nko.navy.mil](http://www.nko.navy.mil)

Click Here to Access  
Trips

Home - Microsoft Internet Explorer provided by NMCI

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites

Address <https://www.nko.navy.mil/portal/page?pa...>

NAVY KNOWLEDGE ONLINE

Welcome To NKO  
CWO4 Donald Borkoski

First Name Last Name Search

Logout Manage Profile

Enter Keyword Here Search

Organization & Communities My Bookmarks

NKO Home Help

| CAREER MANAGEMENT   | PERSONAL DEVELOPMENT  | LEADERSHIP   | LEARNING   | REFERENCE  |
|---|---|--|--|--|
| <ul style="list-style-type: none"><li>National Security Personnel System</li><li>DDN Civilian Human Resources</li><li>Navy Career Tools</li><li>BUPERS Online</li></ul> | <ul style="list-style-type: none"><li>Joint Language University</li><li>Health and Wellness</li><li>Personal Financial Management</li><li>Lifelines</li></ul> | <ul style="list-style-type: none"><li>Civilian Leadership Development</li><li>Defense Leadership and Management Program</li><li>Harvard Manage Mentor Plus</li><li>Ninth House</li></ul> | <ul style="list-style-type: none"><li>Navy e-Learning &gt; Online Courses</li><li>Defense Acquisition University</li><li>Navy College Office</li><li>Navy COOL</li></ul> | <ul style="list-style-type: none"><li>Library</li><li>Navy Doctrine</li><li>Sites of Interest</li><li>Defense Acquisition</li><li>NKO Guides &amp; Tutorials</li></ul> |

Alerts Community

- Task Force Navy Family for San Diego Fires
- New Phishing Attempts Against Navy Personnel
- Navy PQS
- Navy Professional Reading

Individual Augmentee

If you are an Individual Augmentee, and deploying, Click Here

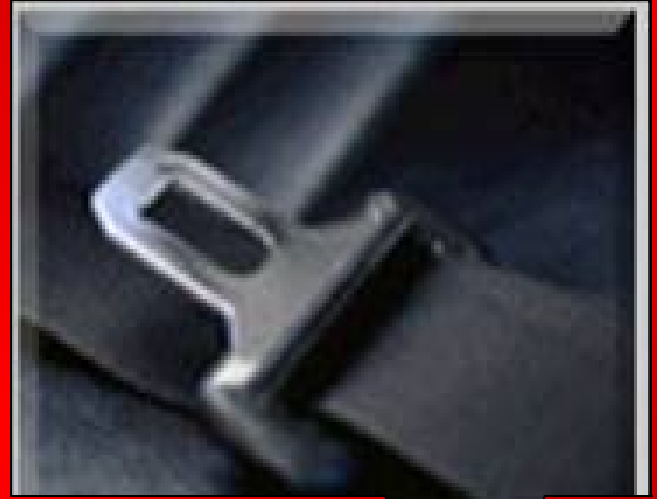
What's New On NKO

- Travel Risk Planning System (TRIPS)
- Joint Language University (JLU)
- Fleet Language Survey
- PA/PII Data Information

# *TRiPS*

- Online, “survey style” risk assessment tool
- Helps you to plan a safe “TRiP”
- Empowers leaders to help you mitigate risk when you travel
- Currently 43,000 users are taking advantage of the program
- Accessible on any computer !!!!
  - Including your home, as long as you have an NKO account

BUCKLE UP!



#3



An aerial, high-angle shot of a two-lane asphalt road winding through a green, grassy field. A red semi-truck is driving away from the viewer in the upper lane, leaving a trail of dust. A white sedan is driving towards the viewer in the lower lane. The text 'vidman.ca' is overlaid in the bottom left corner.

**vidman.ca**

# *Seatbelt Law*

- The #1 Lifesaver in a Crash !!
- Front Seat Belts: Mandatory In All 50 States.
- Make Seat Belt Use a Family Practice





**If you think this seat belt  
is too confining...  
be prepared to strap on one  
of these  
alternatives.**



**41% of crash  
Death and  
Injuries occur  
to unbelted  
occupants**

**Permanent  
injuries or  
paralysis  
occurs at  
speeds as low  
as 15 MPH**





Buckle up!  
The life you save  
may be your own

**SLOW DOWN !**



**#2**

# *Speed Kills*

- When speed increases from 40 to 60mph the crash energy more than doubles!
- 33 % of all crashes involve speeding
- Reckless driving is 20mph over the posted limit
- Speed will not save you time if you crash or get stopped for a ticket !



IIHS 2003





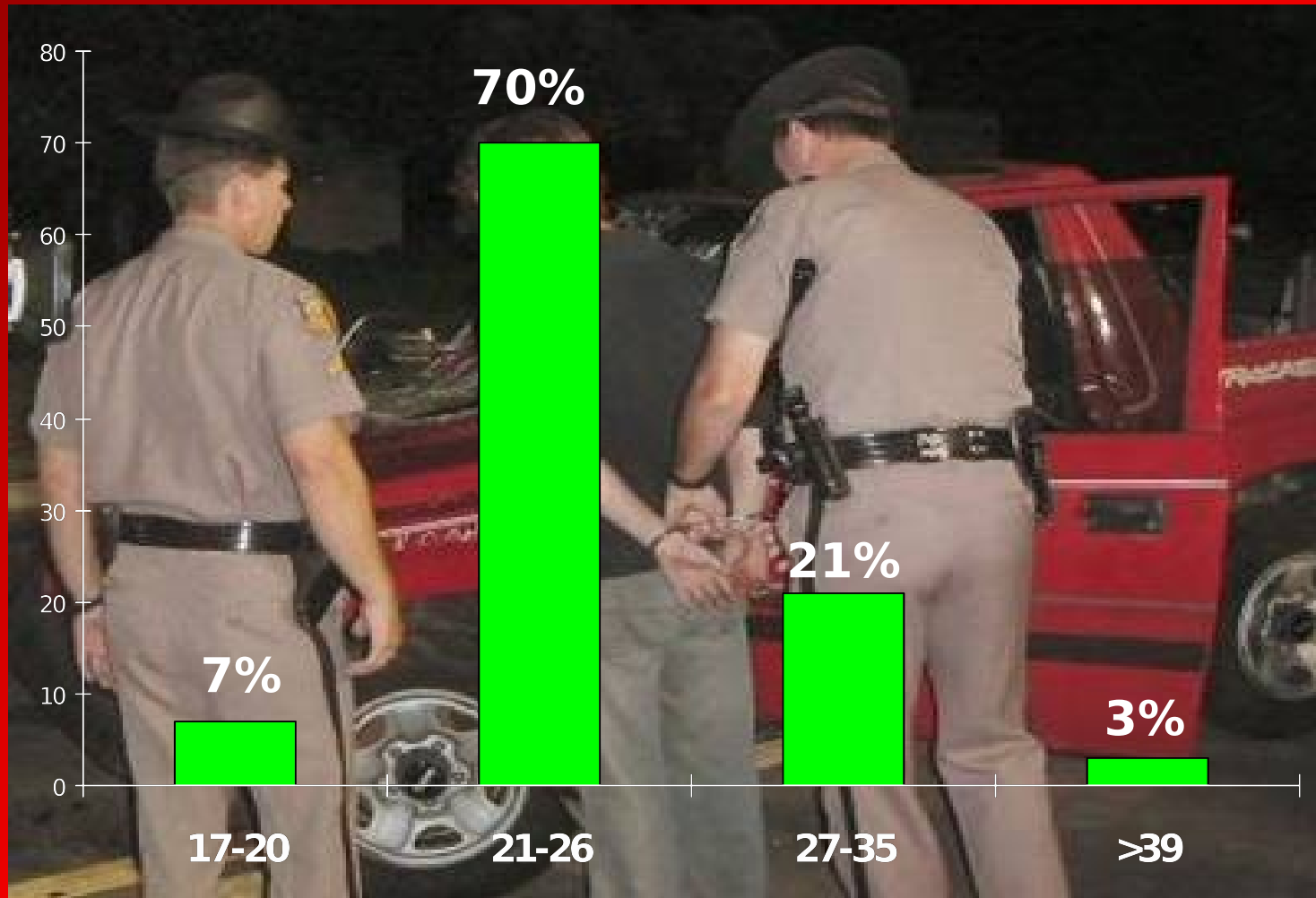
**Nothing will save you  
if you crash at  
excessive speeds !**

Don't Drink  
and Drive !



#1

# *NAVY/MARINE DUI % by age*



**FY-06  
NSC**



A photograph of a bar with multiple shelves stocked with a wide variety of liquor bottles. The bottles are arranged in neat rows, and the lighting is warm, creating a typical bar atmosphere. The text is overlaid on the top half of the image.

drinking and driving results in  
1 death every 30 seconds










# Alcohol

Alcohol related crashes cost the  
US



# *If you drink and you plan to drive:*



| <i>Drink Volume</i>  |          | <i>Percentage of Alcohol</i>  |          | <i>Amount of Alcohol</i>   |
|--|----------|---|----------|--|
| <br><i>1.5 oz. Whiskey (80 proof)</i> | <b>X</b> | <br><i>40% Alcohol</i> | <b>=</b> | <br><i>.60 oz.</i>  |
| <br><i>5 oz. Wine</i>                  | <b>X</b> | <br><i>12% Alcohol</i> | <b>=</b> | <br><i>.60 oz.</i>  |
| <br><i>12 oz. Beer</i>                | <b>X</b> | <br><i>5% Alcohol</i> | <b>=</b> | <br><i>.60 oz.</i> |

Your body can only process one drink every two h

# *Cost of DUI: (First offence)*



Minimum fine: \$ 390

Penalty Assessment: \$ 666

State Restitution Fund: \$ 100

Alcohol-Abuse Education Fund: \$ 100

Blood or Breath-Testing Fee: \$ 37

Jail Cite-and-Release Fee: \$ 10

Alcohol-Awareness School: \$ 375

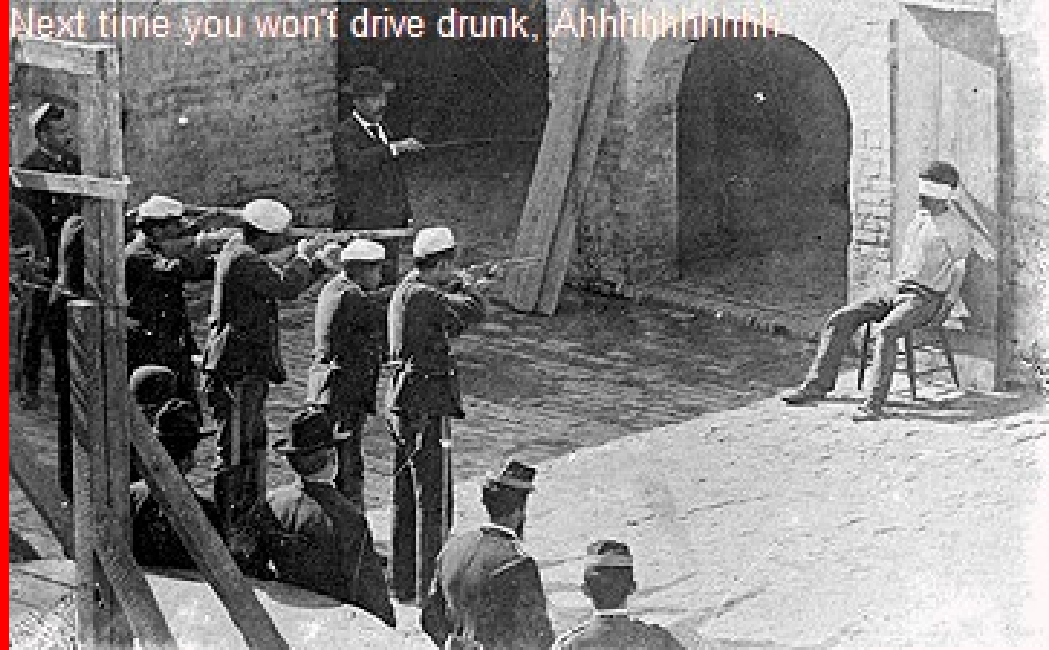
License Reissue Fee: \$ 100

Attorney Fees (average): \$ 2,500

Insurance Increase: \$ 3,600 - \$6,600

**Total \$7,828 - \$10,828**

# *DUI penalties in other countries :*



Russia-----License revoked for one year

Australia-----Name in local paper: "drunk and in jail"

Malaysia-----driver is jailed. If married, wife jailed too

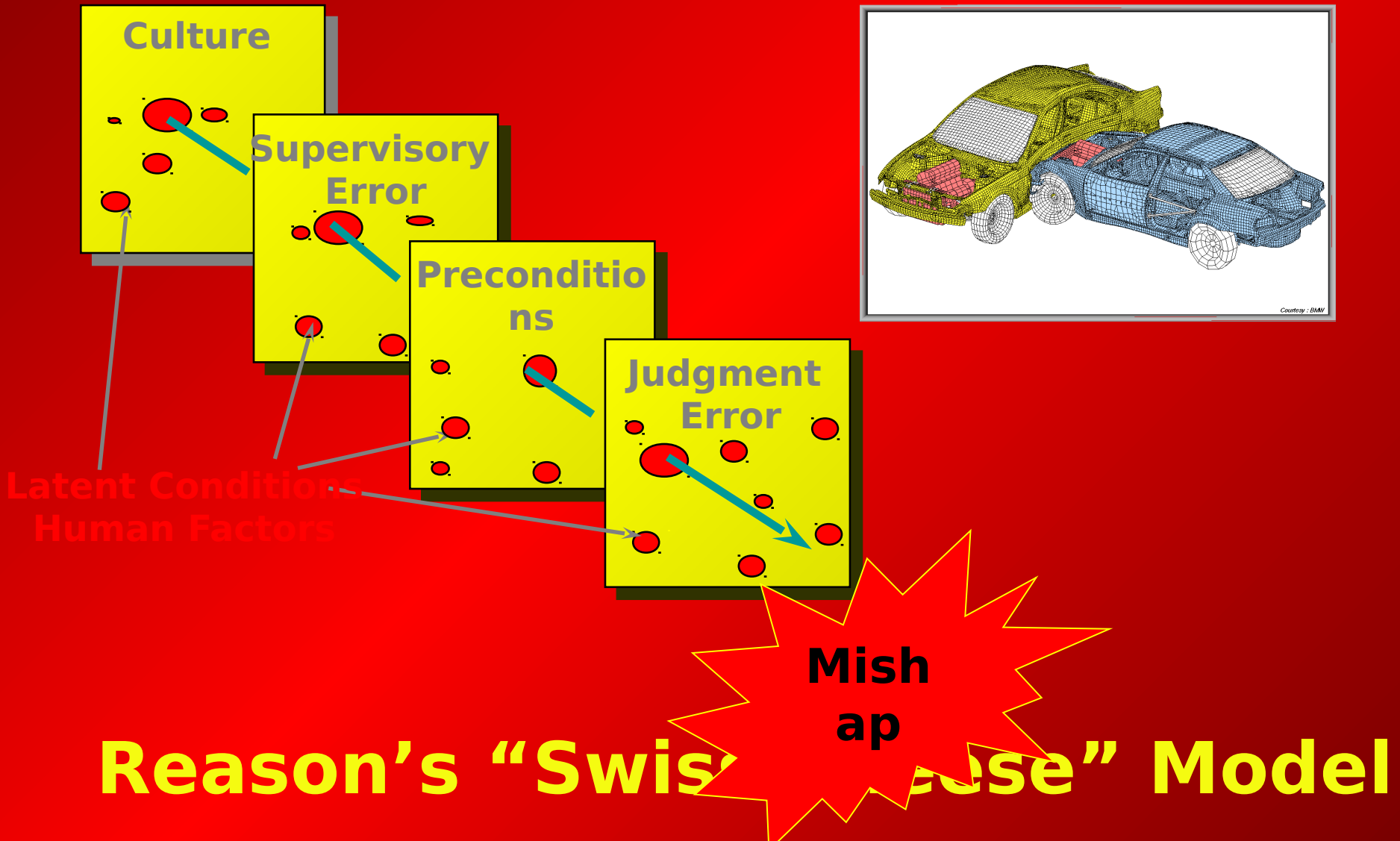
South Africa---10 years in prison and \$10,000 fine

Bulgaria-----2nd conviction: execution





# *Mishap Causal Factors*





5

*Steps*

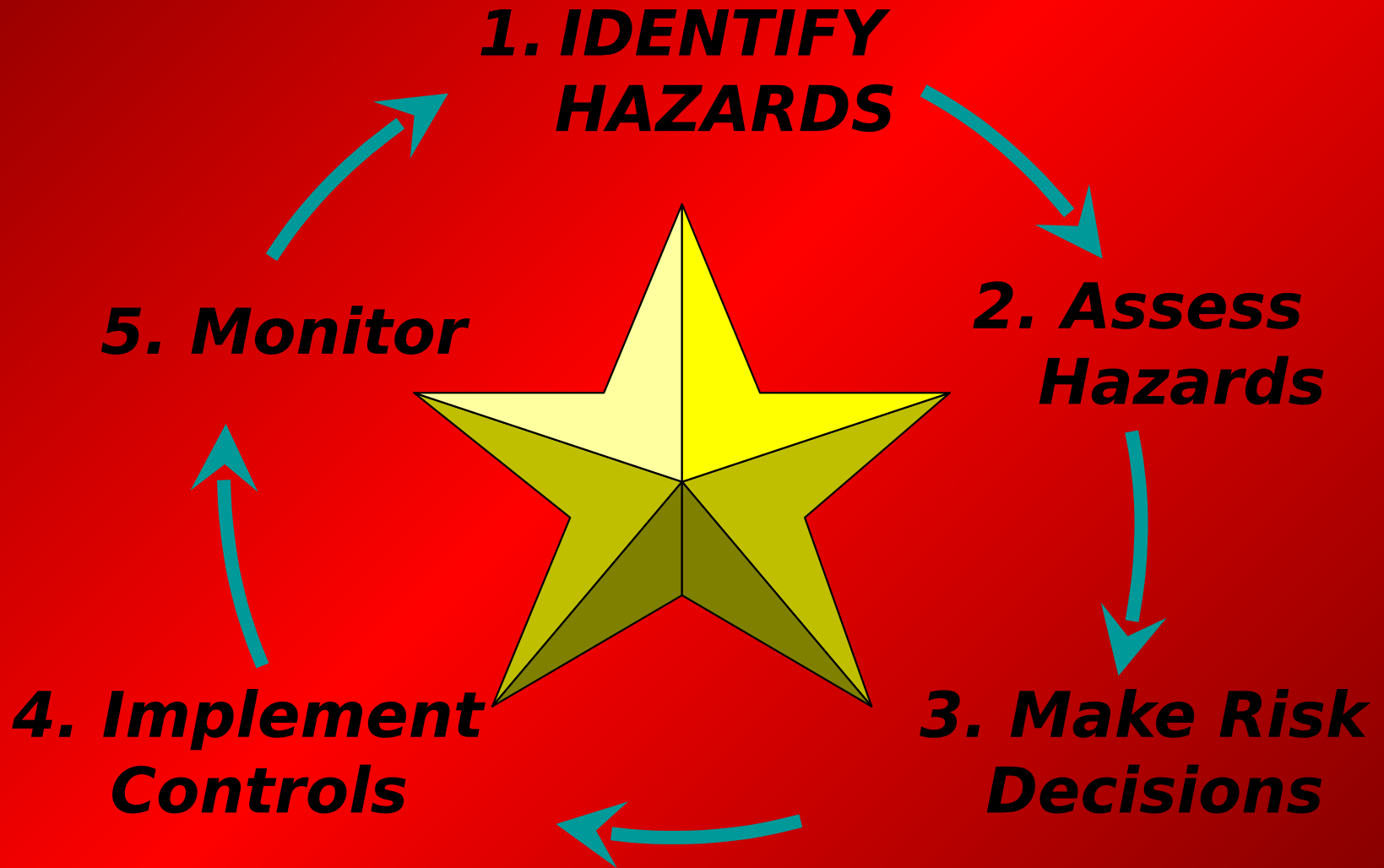
4

*Rules*

3

*Levels*

# ***5 STEPS OF ORM***





11/01/2005 11:09:08

Camera 4



# ***4 RULES of ORM***

- 1. Accept risks when benefits outweigh costs.***
- 2. Accept no unnecessary risk.***
- 3. Anticipate and manage risk by planning.***
- 4. Make risk decisions at the right level***

# ***3 LEVELS of ORM***

## **TIME CRITICAL (Reaction)**

• *Decision under duress. Little time for a decision.*

*“on the run”, “snap decision” “adjusting to identified hazard”*

## **DELIBERATE (Action)**

• *Everyday decision making. “decisions to avoid anticipated problems”, “planning ahead to reduce probability of risk”*

## **IN DEPTH (Anticipate)**

• *Long term planning. Agreed upon decisions based on recurring situations. Usually written or enforce policy.*

# ***3 LEVELS of ORM***

## **IN DEPTH (Analytical)**

*Long term planning. Agreed upon decisions based on recurring situations. Usually written or enforce policy.*

## **DELIBERATE (Action)**

*Everyday decision making. “decisions to avoid anticipated problems”, “planning ahead to reduce probability of risk”*

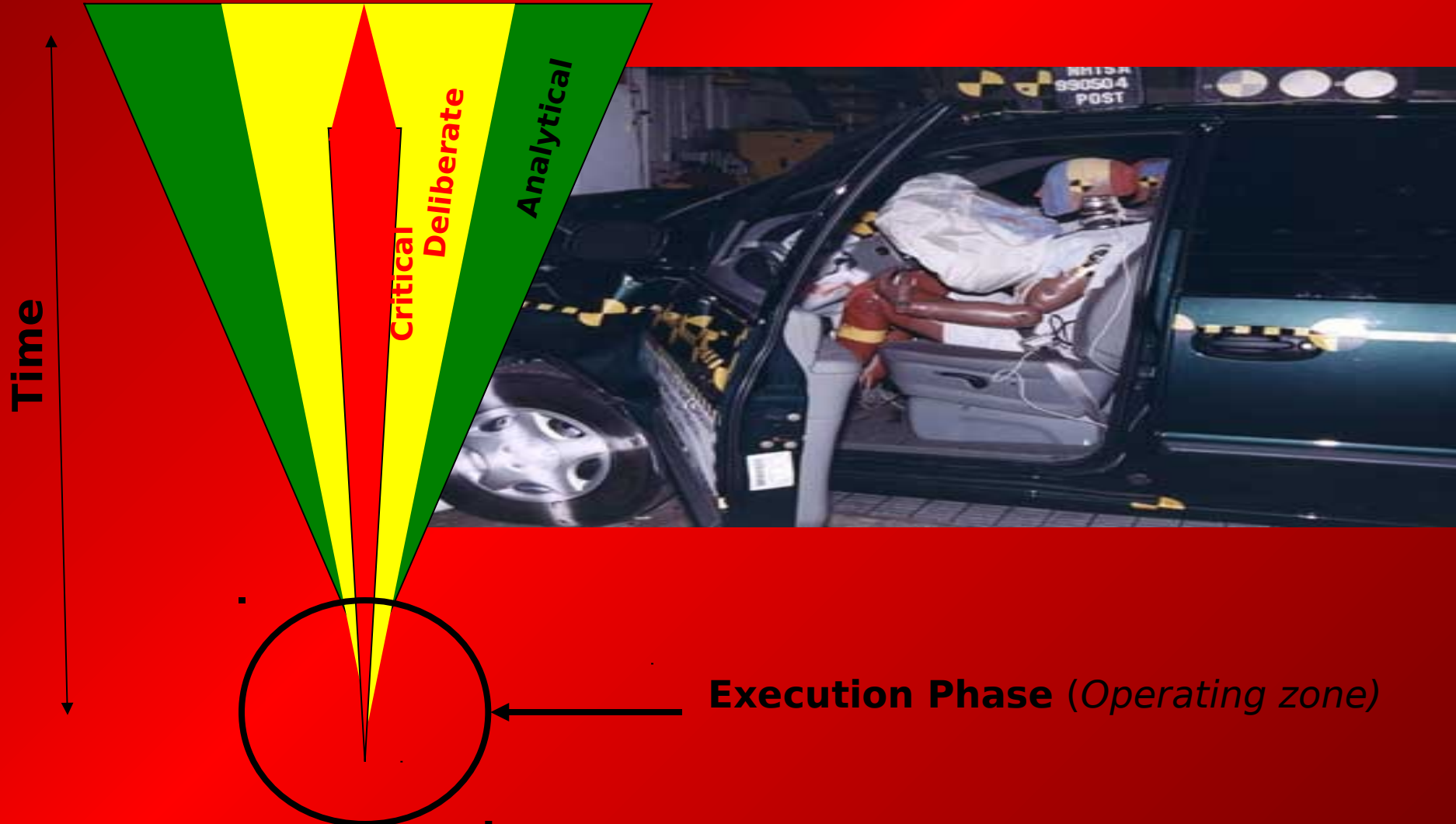
## **TIME CRITICAL (Reaction)**

*Decision under duress. Little time for a decision.  
“on the run”, “snap decision” “adjusting to identified hazard”*

# *Time Critical*

## *ORM*

Criticality People, Tools





- 
- # Department of Defense Joint Traffic Guidance
- Violate the operations use a DODS Secretariat and most important use of a GPS will not cost cost guidance system the code to be ready go-ahead or they are making a hands-free choice.
- Using a cell phone while driving without a hands-free device is still considered an "unsafe" offense. This means that drivers will be able to be stopped while they are stopped while they are of the road.
- The Department of Defense**



# Naval Safety Center Web Site

<http://www.safetycenter.navy.mil>

- 1 million hits per month
- Worldwide access
- Single source for Navy Safety materials
- 2<sup>nd</sup> most viewed Navy Web site
- Hundreds of Links



# *Training*

- Motorcycle Instructor Training
- AAA Automobile Instructor and Student Training
- EVOC-Emergency Vehicle Operators Course
- Holiday and Requested lectures, Briefs, Training sessions



# Community Involvement

- Scheduled conferences with local Motor vehicle safety organizations, Law enforcement, Safety managers
  - Click-it or Ticket
  - Arrive Alive
  - Drive for Life
  - Mid-Atlantic Partnership Campaign
  - NHTSA Drive safe holiday campaigns
  - MADD-Mother Against Drunk Driving
  - Critical Days of Summer





# *Future PMV Initiatives:*

- Driver History Profile Initiative
- Smith-System Driver Training
- Daytime Running Lights
- Motorcycle Skill-Enhanced Rider Course
- Driver training continuum
- Trainer Motorcycles
- Improved Mentorship program
- Revitalized Personal Risk Management
- DBAT: Driver Behavior Assessment Tool
- TRiPS: Traffic Related Personnel Safety

# *Driving Conditions*

**Freezing  
Rain**

**Low  
Visibilit  
y**

**Sleet**

**Dense  
Fog**

**High  
Winds**

**Cold !**

**Sheet  
Ice**

**Snow**





Guzer.com

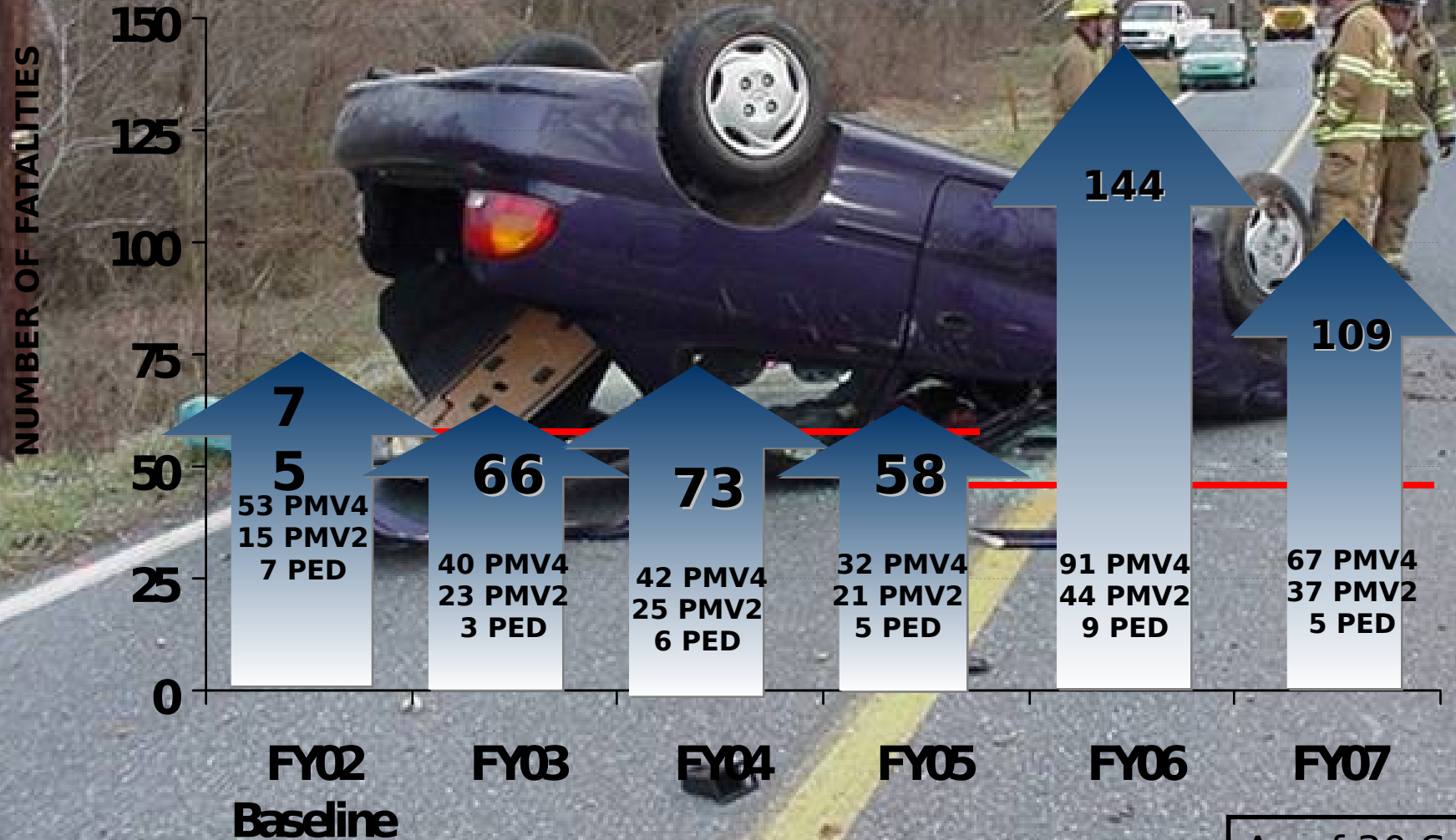
# *Winter Driving Kit*



- Bag of sand or salt (or kitty litter)
- Snow shovel
- Snow brush/Ice scraper
- Jumper cables
- Warning devices
- Knife
- Roll of paper towels
- Flashlight (and extra batteries)
- Blanket
- Extra clothing
- First aid kit
- "Emergency" food and water



# *Navy/Marine PMV Fatalities*



As of 30 Sep 07

# *Navy and Marine FY08 PMV Fatalities*

|               | PMV4 | PMV2 | PED | TOTAL     |
|---------------|------|------|-----|-----------|
| • NAVY        | 8    | 3    | 0   | 11        |
| • USMC        | 6    | 5    | 1   | 12        |
| <b>TOTAL:</b> |      |      |     | <b>23</b> |



# Resources



[www.madd.org](http://www.madd.org)



Stop **IMPAIRED** driving

[www.stopimpaireddriving.org](http://www.stopimpaireddriving.org)

[www.brad21.org](http://www.brad21.org)



[www.fhwa.dot.gov](http://www.fhwa.dot.gov)



[www.nhtsa.gov](http://www.nhtsa.gov)



[www.weather.com](http://www.weather.com)

# *Questions ????*

